

L 20317-66 EWT(m)/EWP(t)/EWP(k) IJP(c) JD/HW

ACCESSION NR: AP5020977

UR/0148/65/000/000/0038/0040
669.141.002.2

AUTHOR: Lavrent'yev, I. G.; Poyarkov, G. P.

TITLE: Production of composed steel

SOURCE: IVUZ. Chernaya metallurgiya, no. 8, 1965, 38-40

TOPIC TAGS: composed steel, composed steel rolling, composed steel casting, composed steel production

ABSTRACT: Composed (three-layer) steel is rolled at two steel mills in the Soviet Union. At the Taganrog steel mill, the ingots are made of 3 layers: the outer layers are cast from high-carbon steel and the low-carbon steel core is cut from a plate or thick steel sheet. The core thickness has to be one-third the ingot thickness. For 670, 780, and 1080 kg ingots, the core plates are 56, 66, and 79 mm thick, respectively. Molten metal from below (bottom pouring) coming into contact with the cold mould walls and core begins to crystallize, producing a skin along the entire height of the ingot. The poured steel does not weld with the core (except the lower part of the ingot), but bridges a gap about 4 mm wide in the middle. A 240-mm thick ingot weighing one ton is rolled on a three-high mill 760/600/760 mm

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in 21 passes with a relative reduction increasing gradually from 10.4 to 22.2%, and an overall thickness reduction from 240 to 6 mm. The welding of layers takes place during rolling, mostly in the starting passes. According to regulations, the thickness of each outer layer must be not less than 25%, and the core not less than 30%, of the overall ingot thickness. The thickness of a nominal 6-mm thick sheet actually changed from 5.9 to 6.2 mm. For instance, a 6.2-mm thick sheet had upper, middle, and lower layers 2.0, 2.1, and 2.1 mm thick, respectively. Orig. art. has: 3 figures and 2 tables.
[WW]

ASSOCIATION: Taganrodskiy metallurgicheskiy zavod (Taganrog Steel Mill)

SUBMITTED: 24Sep64

ENCL: 00

SUB CODE: MM, 1E

NO REF SOV: 000

OTHER: 000

ATD PRESS: 4085

Clad 18

Card 2/2 BK

MIKHALKOV, Aleksandr Vladimirovich; POYARKOV, K.M., red.; VORONIN, K.P.,
tekhn.red.

[Important things to know about voltage regulation] Chto muzhno
znat' o regulirovanii napriazheniia. Moskva, Gos.energ.izd-vo,
1960. 47 p. (Biblioteka elektromontera, no.28).

(MIRA 14:6)

(Electric power distribution)
(Voltage regulators)

DORMAKOVICH, Petr Andreyevich; MIKHALKOV, Aleksandr Vladimirovich;
PETROV, Aleksandr Vasil'yevich; POYARKOV, K.M., red.;
BORUNOV, N.I., tekhn. red.

[Manufacture and maintenance of gas-discharge light fixtures]
Izgotovlenie i obsluzhivanie gazosvetnykh ustanovok. Moskva,
Gosenergoizdat, 1962. 54 p. (Biblioteka elektromontera, no.72)
(MIRA 15:12)

(Fluorescent lamps) (Fluorescent lighting)

BUDZKO, Igor' Aleksandrovich, doktor tekhn. nauk, prof., akad.; ZAKHARIN, Andrey Georgiyevich, doktor tekhn. nauk; EBIN, Lev Yefimovich, doktor tekhn. nauk, prof.; KANAKIN, N.S., inzh.; LEVIN, M.S., kand. tekhn. nauk; YAKOBS, A.I., kand. tekhn. nauk; GROYS, Ye.S., inzh.; ZUL', N.M., kand. tekhn. nauk; POYARKOV, K.M., kand. tekhn. nauk; MURADYAN, A.Ye., kand. ~~tekhn. nauk~~; KRAUSP, V.R., kand. tekhn. nauk; SHATS, Ye.L., kand. tekhn. nauk; IOKHVIDOV, E.S., red.; BUL'DYAYEV, N.A., tekhn. red.

[Rural electric power distribution networks] Sel'skie elektricheskie seti. Moskva, Gosenergoizdat, 1963. 262 p.

(MIRA 16:5)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina (for Budzko).

(~~Rural~~ electrification) (Electric power distribution)

PEREL'MUTER, Naum Moiseyevich; ITINA, Liya Solomonovna; KUCHARINA, Klavdiya Ivanovna; BOLDOV, Mikhail Yefimovich; ALYAB'YEV, Viktor Ivanovich; TSETLIN, Aleksandr Mikhaylovich; POYARKOV, K.M., red.; PITERMAN, Ye.L., red. izd-va; VDOVINA, V.M., tekhn. red.

[Electrification of lumbering enterprises] Elektrifikatsiia lesozagotovitel'nykh predpriatii. Moskva, Goslesbumizdat, 1961. 358 p. (MIRA 15:2)
(Electricity in lumbering) (Electric railroads)

BUDZKO, Igor' Aleksandrovich; BUDIN, Aleksandr Platonovich; ZUL',
Nikolay Mikhaylovich; POYARKOV, Kirill Mikhaylovich;
YAKOBS, Aleksey Ivanovich; ZELENETSKAYA, L.V., red.;
SAYTANIDI, L.D., tekhn. red.

[Calculation of rural electric power distribution networks
with voltage regulation] Raschet sel'skikh elektricheskikh
setei s regulirovaniem napriazheniia. [By] I.A. Budzko i dr.
Moskva, MSKh RSFSR, 1963. 108 p. (MIRA 16:10)
(Electric power distribution)

ZUL', Nikolay Mikhaylovich, kand. tekhn. nauk; FOYARKOV, Kirill
Mikhaylovich, kand. tekhn. nauk; YESIFOVICH, N.M., red.;
NIKITINA, V.M., red.

[Automation of rural electric power supply] Avtomatizatsiia
sel'skogo elektrosnabzheniia. Moskva, Kolos, 1965. 287 p.
(MIRA 18:3)

POYARKOV, Kirill Mikhaylovich; VASIL'YEV, A.A., red.; YEMZHIN, V.V.,
tekh. red.

[Regulated transformers and their use] Reguliruemye transforma-
tory i ikh ekspluatatsiia. Moskva, Gosenergoizdat, 1962.
174 p. (MIRA 15:11)

(Electric transformers)

POYARKOV, K. M.

Cand Tech Sci - (diss) "Application in agricultural electric networks of transformers with automatic switching of shunts under load." Moscow, 1961. 16 pp; (Moscow Order of Lenin Agri Academy imeni K. A. Timiryazev); 200 copies; price not given; list of author's works at end of text (12 entries); (KL, 7-61 sup,244)

POYARKOV, K.M., inzh.

Use of ~~TNN~~ 35/6 to 10 kv. transformers to regulate voltage. Elek.
sta. 31 no.3:72-76 Mr '60. (MIRA 13:8)
(Electric transformers) (Voltage regulators)

KHODOROVICH, Mikhail Antonovich; LERNER, F.M.; LOTOTSKIY, K.V.; VOLO-
SHENKO, V.A.; PETROV, I.V.; POYARKOV, K.M., redaktor; BALLOD,
A.I., tekhnicheskii redaktor; VESKOVA, Ye.I., tekhnicheskii
redaktor. (MLBA 9:5)

[Operating and repairing electric farm equipment] Ekspluatatsiia i
remont sel'skokhoziaistvennykh elektricheskikh ustanovok. Moskva,
Gos.izd-vo selkhoz.lit-ry, 1955.312 p.
(Electricity in agriculture) (Electric engineering)

POYARKOV, K.M.

Economic evaluation of automatically controlled transformers.
Mekh. i elek. sets. sel'khoz. 17 no.1:35-37 '59. (MIRA 12:1)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii
sel'skogo khozyaystva.

(Electric transformers)

PETROV, I.V.; LOTOTSKIY, Konstantin Vasil'yevich; LERNER, F.M.; KHODOROVICH,
M.A.; POYARKOV, K.M., red.; GUREVICH, M.M., tekhn.red.

[Electric engineering and use of electric power in agriculture]
Elektrotehnika i primeneniye elektricheskoi energii v sel'skon
khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 373 p.
(Electricity in agriculture) (MIRA 12:1)
(Electric engineering)

POYARKOV, K.M.

Methods and apparatus for voltage regulation in distribution
networks abroad. Biul. nauch.-tekhn. inform. po elek. sel'khoz.
no.1:54-57 '56. (MLRA 10:9)
(Voltage regulators)

POYARKOV, K.M., inzh.

Choice of the stage of regulation of electric transformers
with switching of loaded branch lines. Vest. elektroprom.
31 no.9:51-55 S '60. (MIRA 15:5)

(Electric transformers)
(Electric power distribution)

POYARKOV, Kirill Mikhaylovich; MEL'NIKOV, N.A., doktor tekhn.
nauk prof., red.; BRANDENBURGSKAYA, E.Ya., red.

[Voltage regulation in electrical networks in rural
areas] Regulirovanie napriazheniia v elektricheskikh
setiakh sel'skikh raionov. Pod red. N.A.Mel'nikova.
Moskva, Energiia, 1965. 254 p. (MIRA 18:12)

LIDEN, V.A.; PERVAGO, V.A., ed.; MOROSHIKIN, K.V., red.; YERMAKOV, N.P., red.; KOROL'KOV, A.S., red.; FOMENKIN, E.Ye., red.; NECHAYEV, P.I., red.; POYARKOV, M.A., red.; PERKIN, A.V., red.; SOBOLEV, I.D., red.; TARKHANEYEV, B.F., red.

[Geology of the Northern Sos'va brown coal basin.] Geologiya Severosos'vinskogo burougol'nogo basseina. Moskva, Nedra, 1964. 144p. (Materialy po geologii i poleznym iskopaemym Urala, no.11) (MIRA 18:4)

POYARKOV M.A.

Fundamental features of the geology of the granite
massive of Petrokamensk. T. V. Dzagova and M. A.
Poyarkov. *Trudy Gorno-Geol. Inst. Akad. Nauk S.S.S.R.*

Ural. *Fizl.* 1955, No. 26, 175-81.—The massive is a part of the large Petrokamensk-Saldinsk intrusion (north of the line Sverdlovsk-Nev'yansk) which is chiefly built up of gabbroids and peridotites. The Petrokamensk massive comprises normal, highly uniform granodiorites in an intensely sericitized and saussuritized state, but still in a chem. relation with the gabbro intrusions. The latter are represented by abundant effusive rock types in the roof of the entire massive. The granitic rocks of the massive are different from normal granites of the Variscan group, e.g. from the granites of the Verkh-Isetsk area. The whole group of intrusions in the Petrokamensk-Saldinsk fields occurs as a phacolite, and overlies in complex faultings on effusive horizons of Upper-Silurian age (Ludlov group). The intrusions themselves belong to the late phases of the Caledonian orogenesis, occurring in several stages of the eruption of corresponding lava rock compns. Garnet skarns with indications of magnetite ores in the western exterior contact zone of the Petrokamensk massive are genetically related with the intrusion of the granodiorites of the Petrokamensk-Saldinsk group. Two complete chem. analyses of the granodiorites are given, with their Zavaritskii parameters. The petrochem. character is interesting because of the particularly low contents in CaO, and the comparatively high contents in alkalis, while in the granitoids of the Verkh-Isetsk group plagioclase dominates over K-feldspar. K₂O is predominant over Na₂O in the quartz diorites of the Saldinsk massive in contrast with those of the Verkh-Isetsk group which in their plagiogranodiorites have an unusually low orthoclase content.

W. Eitel

ANDRIANOV, V.N.; BEYLIS, M.Ye.; BUDZKO, I.A.; ZAKHARIN, A.G.; ZIATKOVSKIY,
A.P.; ZUYEV, V.A.; KRASNOV, V.S.; LISTOV, P.N.; NAZAROV, G.I.;
POYARKOV, M.F.; SMIRNOV, B.V.

Nikolai Alekseevich Sazonov; obituary. Elektrichestvo no.5:
92-93 My '63. (MIRA 16:7)

(Sazonov, Nikolai Alekseevich, 1903-)

ANDRIANOV, V.N.; BUDZKO, I.A.; BURGUCHEV, S.A.; LISTOV, P.N.; PETROV, I.I.;
POYARKOV, M.F.; SKVORTSOV, P.F.

G.I.Nazarov; on his 60th birthday. Elektrichestvo no.9:92 S
'63. (MIRA 16:10)

ALUKER, Sh.M.; ANDRIANOV, V.N.; BUDZKO, I.A.; BURGUCHEV, S.A.; ZAKHARIN,
A.G.; NAZAROV, G.I.; PRISHCHEP, L.G.; POYARKOV, M.F.; RASOVSKIY,
E.I.; RUNOV, B.A.; SKVORTSOV, P.F.; SERGEYEV, A.V.

P.N.Listov; on his sixtieth birthday and the thirty-fifth
anniversary of his industrial, theoretical, and educational
work. Elektrichestvo no.11:94 N '62. (MIRA 15:11)
(Listov, Petr Nikolaevich, 1902-)

ALEKTOROV, V.A.; BELYAYEV, B.S.; PATSIORA, P.P.; POYARKOV, M.F., professor, doktor tekhnicheskikh nauk, redaktor; LARIN, V.T., retsenzent; MOLOTOV, V.D., retsenzent; VOLKHOVER, R.S., tekhnicheskiiy redaktor.

[Electric power plants, substations and electric power lines in lumbering] Elektrostantsii, podstantsii i elektroseti na lesorazrabotkakh. Pod red. M.F.Poiarkova. Moskva, Goslesbumizdat, 1953. 632 p. (MLRA 7:10)

(Electric power plants) (Lumbering)

POYARKOV, M.F.; CHERNYAK, L.Ye., redaktor; FEDOTOVA, A.F., tekhnicheskii
redaktor

[Rural electric power plants and substations] Sel'skie elektricheskie stantsii i podstantsii. Gos. izd-vo selkhoz. lit-ry, 1954.
399 p. [Microfilm] (MLRA 7:9)
(Rural electrification)
(Electric power plants)

POYARKOV, M. F.

AID P - 1237

Subject : USSR/Electricity

Card 1/1 Pub. 27 - 32/34

Author : Sin'kov, V. M., Kand. of Tech. Sci., Dotsent

Title : M. F. Poyarkov. Rural Electric Power Stations and Substations. (Series "Textbooks and school equipment for agricultural technical schools) 398 pp. Sel'khozgiz, 1954 (Bibliography)

Periodical : Elektrichestvo, 12, 87, D 1954

Abstract : The reviewer says that the book answers the requirements of the decision of the Communist Party and of the Government as concerns the program of improvement in agriculture. The author of the book has a long educational experience. However, the book contains many mistakes, which reduce its utility. In particular the role of Russian and Soviet scientists is not sufficiently emphasized.

Institution : Ukrainian Agricultural Academy

Submitted : No date

POYARKOV, Mikhail Fedorovich; POYARKOVA, Tat'yana Mikhaylovna; GLAZATOV, N.N.,
red.; CHERNYAK, L.Ye., red.; GOR'KOVA, Z.D., tekhn.red.; PEVZNER,
V.I., tekhn.red.

[Laboratory and practical studies on rural electric stations and
substations] Laboratorno-prakticheskie zaniatiia po sel'skim
elektricheskim stantsiiam i podstantsiiam. Moskva, Gos. izd-vo
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(Electric power plants) (Electric substations)

POYARKOV, Mikhail Fedorovich; POYARKOVA, Tat'yana Mikhaylovna. Prinimal
uchastiye BUDZKO, I.A.. ZUYEVA, K.N., red.; NIKITINA, V.M., red.;
BACHURINA, A.M., tekhn.red.; PEVZNER, V.I., tekhn.red.

[Rural electric power stations and substations] Sel'skie elektri-
cheskie stantsii i podstantsii. Izd.2. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1959. 351 p. (MIRA 13:4)
(Electric power plants)

POYARKOV, Mikhail Fedorovich. Prinimala uchastiye POYARKOVA. T.M.;
IOKHVIDOV, E.S., red.

[Electrical equipment of power plants] Elektricheskoe
oborudovanie stantsii. Moskva, Energiia, 1964. 567 p.
(MIRA 17:12)

POYARKOV, Mikhail Fedorovich. Prinimala uchastiye POYARKOVA. T.M.;
IOKHVIDOV, E.S., red.

[Electrical equipment of power plants] Elektricheskoe
oborudovanie stantsii. Moskva, Energiia, 1964. 567 p.
(MIRA 17:12)

POYARKOV, M.F., prof., doktor tekhn.nauk; KALININ, N.F., dotsent; BOCHAROV,
V.I., dotsent, kand.tekhn.nauk; MIRPA, I.I., inzh.

"Electric power supply of industrial enterprises" by A.A.Fedorov.
Reviewed by M.F.Poiarkov and others. Prom.energ. 16 no.6: 52-53
Je '61. (MIRA 15:1)

(Electric power distribution)

ANDRIANOV, V.N.; BURGUCHEV, S.A.; YEVREINOV, M.G.; ZAKHARIN, A.G.;
KRASNOV, V.S.; LISOV, P.N.; NAZAROV, G.I.; POYARKOV, N.E.;
SAZONOV, N.A.; STEPANOV, V.N.; EBIN, L.Ye.

I.A. Budzko [deystvitel'nyy chlen Vsesoyuznoy akademii sel'sko-
khozyaystvennykh nauk imeni Lenina]; on his fiftieth birthday
and thirtieth anniversary of scientific and pedagogical work,
Elektrichestvo no.5:87 My '61. (MIRA 14:9)
(Budzko, Igor' Aleksandrovich, 1911--)

POYARKOV, N. F.

POYARKOV, N. F. --"Salt Deposits of Lengiz-Kul' during the Warm Period of the Year."*(Dissertations for Degrees in Science and Engineering Defended at USSR Higher Educational Institutions) Akad Sci Uzbek SSR, Inst of Chemistry, Tashkent, 1955

SO: Knizhnaya Letopis'. No. 25, 14 Jun 55

* For Degree of Candidate in Chemical Sciences

POYARKOV, N.P.;FAYZIYEV, M.K.

Study of the salt deposits of Uzvekistan. Uzb.khim.zhur. no.6:
83-84 '59. (MIRA 13:4)

1.Institut khimii AN UzSSR.
(Uzbekistan--Salts)

15-1957-10-14172

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10,
p 129 (USSR)

AUTHOR: Poyarkov, N. F.

TITLE: The Problem of the Formation of the Two-Layer Halite-Astrakhanite (Bloedite) Deposits in the Salt Lakes of Central Asia (K voprosu o formirovanii dvukhgorizontnykh galito-astrakhanitovykh otlozheniy na solyanykh ozerakh Sredney Azii)

PERIODICAL: Izv. AN UzSSR, ser. khim. n., 1957, Nr 1, pp 15-21

APSTRACT: The deposits in the western part of the dry sulfate Lake Dengizkul', 80 km south of Bukhara, are characterized by a two-layer halite-astrakhanite structure. Each horizon has formed only one bed, with small admixtures of the other salt locally. The formation of the two-layered structure cannot be explained by equilibrium changes in the brines during evaporation or cooling. The two-layer halite-astrakhanite deposits, impregnated with brines, are a complex, dynamic, metastable system. The forma-

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15-1957-10-14172

The Problem of the Formation of the Two-Layer Halite-Astrakhanite
(Bloedite) Deposits in the Salt Lakes of Central Asia

tion of the two-layer structure is controlled by processes of continuous formation and destruction of the metastable conditions of brines, produced by evaporation and accompanied by stratification (according to specific gravity) and by vertical circulation. During this process halite deposits, which do not form in this supersaturated condition, are dissolved, and astrakhanite from the supersaturated brines is deposited in the place left vacant by the removal of the halite.

Card 2/2

L. I. Afanas'yeva

POYARKOV, N.F.

Formation of two-horizon structures in the halite-astrakhanite deposits
of the salt lakes of Central Asia. Izv. AN Uz, SSR Ser. khim. nauk
no.1:15-21 '57. (MIRA 13:10)

(Halite)

(Bloedite)

POYALNOV, G. S.

Determining the optimal route of the railroad
transportation of the goods from the port of the East.
no.13:001-009 10. [REF: 10:12]

POYARKOV, S. G.

USSR/Engineering - Solar engineering

Aug 50

168T28
"Aerodynamics of Rotating Paraboloid Reflectors as
Applied to Strength Calculations for Solar Plant,"
S. G. Poyarkov, Power Eng Inst imeni G. M. Krzh-
zhanovskiy

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 8, pp 1112-
1124

Results of investigating effect of aerodynamics on
operation of elements of solar plants. Large di-
mensions of industrial plant reflector with 500
sq m surface and presence or absence of central
opening require accurate determination of wind

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USSR/Engineering - Solar engineering
(Contd)

Aug 50

stress. Concludes wind stress is key factor in de-
termining dimensions of support column, foundation,
materials and forms for rotating mechanisms. Sub-
mitted by Acad M. V. Kirpichev.

168T28

POYARKOV, S.G.
USSR/Physics - Conferences

Card 1/1 Pub. 124 - 18/26

Authors : Poyarkov, S. G., Cand. of Tech. Sc.

Title : ~~USSR/Physics - Conferences~~
 : Perspectives for the utilization of solar energy

Periodical : Vest. AN SSSR 12, 79-81, Dec 1954

Abstract : Minutes are presented of a meeting held at the Institute of Technology in Tashkent, at which the possibilities of utilizing solar energy for heating as well as for refrigeration purposes (solar energy of low potential) were debated.

Institution : ...

Submitted : ...

POYARKOV, S.G.

Technical and economic indices for solar apparatus. Ispol'.
soln.energ. no.1:214-231 '57 (MIRA 10:11)
(Solar energy)

526/442

PHASE I BOOK EXPLOITATION

Alkaidiya nauk SSSR. Energeticheskii Institut
 Teploenergetika, vyp. 21. Ispol'sovanie solnechnoy energii (Heat Power
 Engineering No. 21. Use of Solar Energy) Moscow, 1960. 105 p. Errata
 slip inserted. 2,500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Energeticheskii Institut Leningrad
 G.M. Krutshchanskogo.

Resp. Ed.: V.A. Benua, Doctor of Technical Sciences, Professor; Ed. of
 Publishing House: G.B. Gershteyn; Tech. Ed.: I.N. Doroshina.

NOTE: The publication is intended for power engineers and accumulators
 interested in the industrial utilization of solar energy.

CONTENTS: This collection of 19 articles is a continuation of an earlier
 book published under the same title in 1957. The articles present results
 of investigations conducted in the USSR during the last three years at
 the Laboratory on the Use of Solar Energy and Wind in the Energeticheskii
 Institut AN SSSR (Power Engineering Institute of the AN SSSR). The book
 is devoted to the operational aspects of solar energy, including methods
 in determining the operational indices of solar engines, the amount of solar
 energy received, and analyzed. No personalities are mentioned. References follow each article.

1. G. A. B. and V. A. S. Research and Development of the
 Methods of Finding Allocation of Solar Thermal Power Stations 52

2. G. A. B. Approximate Method for Determining the Efficiency of the
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3. V. A. B. Some Problems in the Economics of Solar Power
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 for Solar Thermal Batteries 78

5. A. A. B. and D. I. Teplov. Optimum Geometry of Solar Semicon-
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7. S. G. B. Determination of the Size of Thermal Storage Battery
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10. G. A. B., R. A. A. and D. I. Teplov. On the Objective Eval-
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11. G. A. B., R. A. A. and D. I. Teplov. Production of
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12. G. A. B. Determining the Optimum Angle of Inclination in Solar
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13. G. A. B. Methods for Determining the Efficiency of Economic
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14. G. A. B. Energy Bases of Solar Thermal Power Stations 179

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16. G. A. B. Library of Congress
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Key ARKAY, S. G.

POYARKOV, S.G., kand.tekhn.nauk; MARKOV, G.I., starshiy inzh.

Solar reflector. Nauka i zhizn' 27 no.8:78-79 Ag '60.
(MIRA 13:9)

(Solar radiation--Therapeutic use)

BUZUNOV, I.A., dots.; GRIBANOV, I.I., dots.; IVANOV, A.I., prof.
[deceased]; MASLOV, M.I., dots.; RACHINSKIY, A.A., dots.;
TROITSKIY, A.A., dots.; TROITSKIY, A.V., prof.; KHORST, G.O.,
dots.; BEN'YAMINOVICH, E.M., retsenzent; KRITSKIY, V.M.,
retsenzent; POYARKOV, V.F., retsenzent; BATURIN, S.I., spets.
red.; TIKHONOVA, I., red.; BAKHTIYAROV, A., tekhn. red.

[Manual for hydraulic and irrigation engineers] Spravochnik
gidrotekhnika-irrigatora. [By] I.A.Buzunov i dr. Tashkent,
Gosizdat UzSSR. Pt.1. 1962. 442 p. (MIRA 16:7)
(Hydraulic engineering) (Irrigation)

AKULOV, F.I., inzh.; POYARKOV, P.G., inzh.

Preventing sulfide dust explosions in copper mines. Bezop.
truda v prom. 3 no.10:11-13 Q '59. (MIRA 13:2)

1. Copper mines and mining--Safety measures)
(Mine explosions)

POYARKOV, V.

Examine the economics of machine-tractor stations and state
farms more intensively. Fin. SSSR 17 no.12:68-69 D '56.

(MLRA 10:1)

(Kazakhstan--Agriculture--Economic aspects)

ANDRYUNIN, A.A.; POYARKOV, V.A.

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(Plywood)

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[Postmagmatic ore bodies and methods for their geological analysis]
Poslemagmaticheskie rudnye tela i metody ikh geologicheskogo ana-
liza. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhra-
ne neдр, 1954. 113 p. (MLRA 8:7)
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1954

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N/5
722.12
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206, (2) p. diagrs., tables (Otsenka mestorozhdeniy pri poiskakh i
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At head of title: Moscow. Vsesoyuznyy Nauchno-Issledovatel'skiy Institut
Mineral'nogo Syr'ya.
Literatura: p. 197-(207)

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YERSHOV, A.D., redaktor; KONSTANTINOV, M.M., redaktor; NIFONTOV,
R.V., redaktor; SAAKYAN, P.S., redaktor; SMIRNOV, V.I., redaktor;
SOLOV'YEV, D.V., redaktor; CHERNOSVITOV, Yu.L.; NIFONTOV, R.V.,
redaktor; KOSOV, B.M., redaktor; KRASNOVA, N.E., redaktor;
GUROVA, O.A., tekhnicheskii redaktor.

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no. 15:3-207 '55. (MLRA 9:3)

(Mercury) (Antimony)

POYARKOV, V.M., deystvitel'nyy chlen.

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POIARKOV, V.E.

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POYARKOV, V.E.

Classification of geological types of mercury and antimony deposits. Razved.i okh.nedr. 28 no.11:5-14 N '62. (MIRA 15:12)

Н.О. Полярков

1. Kazakhskiy nauchno-issledovatel'skiy institut mineral'nogo syr'ya Ministerstva geologii i okhrany neдр KazSSR.

(Mercury ores--Classification)

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(Antimony ores--Classification)

AZHIKEYEV, M.Kh.; MURSALIMOV, Kh.I.; ORLOV, A.I.; POYARKOV, V.E.

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Institut geologicheskikh nauk imeni K.I. Patayeva, g. Almaty.
Ala.

1. The following information is being provided for your information.

2. The information is being provided for your information.

3. The information is being provided for your information.

POYARKOV, V.E.; POYARKOV, E.V.

N.M.Sinit'syn's works and geological characteristics of the distribution of mercury and antimony deposits. Sev.geol. 6 no.8:141-148 Ag '63. (MIRA 16:9)

1. Kazakhskiy institut mineral'nogo syr'ya Upravleniya geologii i okhrany nedr pri Sovete Ministrov Kirgizskoy SSR.
(Mercury ores) (Antimony ores)

RUSSIAN, R.V., head of the Scientific bank; TOYARKOV, I.P., head of the bank;
RUSSIAN, G.I., head of the bank.

On Professor S.T. Altunin's book "Stream bed regulation." Gidr.1
mel. 9 no.7:61-62 J1 '57. (MLRA 10:8)
(Rivers--Regulation)

POYARKOV, V. F.

99.7-13/11

SUBJECT: USSR/Bibliography (Literature)

AUTHOR: Kuskov, D.V., Candidate of Mechanical Sciences, Poyarkov, V.F., Engineer, and Prozorov, G.I., Engineer.

TITLE: "About the Book of Professor S.T. Altunin 'Regulation of River Beds'" (O knige prof. S.T. Altunina "Regulirovaniye Rusel".

PERIODICAL "Gidrotekhnika i Melioratsiya", 1957, # 7, pp 61-62 (USSR)

ABSTRACT: Professor Altunin's manual "Regulation of River Beds" is the first publication on this subject. The manual has 8 chapters, and deals with the following problems:

1. Conditions of river flow and the forming of channels.
2. Classification of Structures used in the regulation of river beds.
3. Planning and designing of regulating and protective structures.
4. Devising and regulating of river beds for water deliveries with and without dams.
5. Measures for the control of flood waters.
6. Regulation of river branches (arms), cleaning of river beds (channels), and construction of cuts.

Card 1/2

99-7-13/1

TITLE:

"About the Book of Professor S.T. Altunin 'Regulation of River Beds'" (O knige prof. S.T. Altunina "Regulirovaniye Rusel").

7. Flood control of down-stream sections of rivers, and at the mouths of large streams, as well as at upper pools of hydroelectric installations.

8. Rules of technical utilization of structures for the regulation of river beds.

Professor Altunin made use of experiences gained in foreign countries at river regulation work (Colorado, Mississippi etc). The manual contains also the latest methods of calculating resistant sections of self-forming river beds, which can be used for the calculation of upper and lower pools at hydroelectric stations. Of great interest for hydro engineers are the studies of the process of sedimentation at dams. Furthermore, the manual is of great value for persons concerned with irrigation projects, which call for large protective measures of river banks and extensive regulation work.

ASSOCIATION:

PRESENTED BY:

SUBMITTED:

AVAILABLE: At the Library of Congress

Card 2/2

POYARKOV, V.F., inzh. (Tashkent)

Dam with a combination gate. Gidr. i mel. 13 no.8:38-45 Ag '61.
(MIRA 14:8)

(Sluice gates)

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Canal. Mat. po proizv. sil. Uzb. no.15:247-259 '60.
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POYARKOV, V. F.

USSR/Engineering - Hydraulics, Formulas

Jan 52

"On Three Formulas for the Coefficient C," V. F.
Poyarkov, Engr

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Analyzes formula developed by Prof Agroskin ("Gidro-
tekh Stroi" No 2, 1949) for the coeff C in Chezy
formula, comparing it with Pavlovskiy and Manning
formulas. Concludes that Agroskin formula has no
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purely empirical and far from perfect.

212T61

POYARKOV, V.F., inzhener.

Selecting a water barrier scheme. Gidr.1 mel. 5 no.5:28-36 My '53.
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(Barrages)

POYARKOV, V. F.

Hydraulics

Confluence of races by a hydraulic jump with additional discharge, Gidr. i. mel.
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POYARKOV, Ya., colonel

Combat traditions stay alive. Av. 1 June. Av. 5:70-75 My '65.
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(Rubber to metal bonding)

POYARKOVA, A.D.

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Joining rubber to metal. A. D. Pozarkova, U.S.S.R.
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compn., which is then applied to the metal and vulcanized.
M. Hosh

guy

RB

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POYARKOVA, A. I.

PA 17/49T85

USSR/Medicine - Botany
Medicine - Taxonomy

May/Jun 48

"What is Lycium Barbarum L. ?" A. I. Poyarkova (Bot
Inst imeni V. L. Komarov, Acad Sci USSR, Leningrad),
6 pp

"Botan Zhur" Vol XXXIII, No 3

Discusses various types of club moss to which name L.
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17/49T85

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Povarkova, A. I.- "On certain species of the herbage of the Melanodictyi Poyark family," Botan. materialy Gorbaniya Botan. in-za in. Komarov, Akad. nauk SSSR. Vol. XI, 1969, p. 139-47

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POYARKOVA, A.I.

Third supplement to the flora of hawthorns of the Soviet Union. Bot.
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NIKITIN, V.V.; POYARKOVA, A.I.; SHAPARENKO, K.K.; FEDCHENKO, B.A.;
SHISHKIN, B.K.; ENDEN, O.A.; VASIL'YEV, A.O., tekhnicheskiy redaktor;
PETROVA, K.T., tekhnicheskiy redaktor

[Flora of Turkmenistan] Flora Turkmenii. Ashkhabad, Izd-vo Turkmen-
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1. Chlen-korrespondent Akademii nauk SSSR (for Shishkin)
(Turkmenistan--Botany)

Compilers: POYARKOVA, A. I.; PROKHANOV, Ye. I.; SHISHKIN, B. K.; SHTEYNBERG, Ye. I.;
YUZEPECHUK, S. V.; APANAS'YEV, K. G.; BORISOVA, A. G.; VASIL'YEV, V. H.; GORSHKOVA,
B. G.; ILIN, M. H.; KIKOV, B. V.; MALEYEV, V. P.; MORAV'YEV, D. A.; OBOLEVA, Ye. H.;
ROMANOV, V. L. (Acad.); Editors: SHISHKIN, B. K.; ROMANOV, Ye. G.

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(MLRA 6:5)

(Ericaceae)

POYARKOVA, A.I.

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Bot.mat.Gerb. 15:92-108 '53. (MLRA 7:2)
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(Labiatae)

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New species of mint. Bot.mat.Gerb. 15:282-320 '53. (MLRA 7:2)
(Labiatae)

GORODKOV, B.N., professor; KUZNETSOVA, O.I.; ORLOVA, N.I.; POYARKOVA, A.I.;
SILIVANOVA-GORODKOVA, Ye.A.; CHERNOV, Ye.G.; SHLYAKOVA, Ye.V.;
GOLOVNIK, M.I., redaktor; KROL, D.M., tekhnicheskii redaktor

[Flora of Murmansk Province] Flora Murmanskoi oblasti. Moskva,
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238 p., maps. (MLRA 8:7)

1. Polyarno-al'piyskiy botanicheskiy sad.
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(Husk tomato)

(MLRA 8:9)

POYARKOVA, A.I.

Genera Drepanocaryum, Agastache, Schizonepeta, Nepeta, Kudrja-
schevia, Melittis. Flora SSSR 20:227-231; 273-275; 282-437;
474-482; 498-500 '54. (MLRA 7:7)
(Labiatae)

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VVEDENSKIY, A.I., dotsent; GOLODKOVSKIY, V.L.; GONCHAROV, N.F.
[deceased]; DROBOV, V.P., professor; KOROTKOVA, Ye.Ye.; KOSTINA, K.P.;
KUDRYASHEV, S.H. [deceased]; LAKHINA, M.M.; LINCHEVSKIY, I.A.;
MIRONOV, B.A. [deceased]; PAZIY, V.K.; POYARKOVA, A.I.; PROTOPOPOV,
G.F.; SUMNEVICH, G.P. [deceased]; KHAL'ZOVA, K.P.; YUZEPCHUK, S.V.;
KOROVIN, Ye.P., professor, glavnyy redaktor; ZAKIROV, K.Z., professor,
redaktor; SHIPUKHIN, A.Ya, redaktor izdatel'stva

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Tashkent, Izd-vo Akademii nauk UzSSR. Vol.3. 1955. 825 p. (MLRA 9:10)

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(Uzbekistan--Botany)

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"Flora SSSR." Bot.mat.Oerb. 17:179-212 '55. (MLBA 9:5)
(*Cotoneaster*)

POYARKOVA, A.I.

~~POYARKOVA, A.I.~~

New species of nightshade within the Soviet Union. Bot.mat.Gerb.

17:328-340 '55.

(MLRA 9:5)

(Nightshade)

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TVERRITINOVA, K.S., tekhnicheskij redaktor

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AVRORIN, N.A.; KUZENEVA, O.I.; ORLOVA, N.I.; POYARKOVA, A.I.; SEMENOVA-TYAN-SHANSKAYA, N.Z.; CHERNOV, Ye.G.; SHLYAKOV, R.N.; YUZEPCHUK, S.V. [deceased]; ARONS, R.A., tekhn.red.

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VASIL'CHENKO, I.T.; GOLUBKOVA, V.F.; GRUDZINSKAYA, I.A.;
YEGOROVA, T.V.; ZINOVA, A.D.; IVANINA, L.I.; LEONOVA, T.G.;
MATSENKO, A.Ye.; PIDOTTI, O.I.; POEDIMOVA, Ye.G.; POLYAKOV,
P.P.; POYARKOVA, A.I.; SAVICH, V.P.; SIN'KOVA, G.M.; SMIRNOVA,
Z.N.; SMOL'YANINOVA, L.A.; FEDOROV, A.I.A.; KHARADZE, A.L.;
TSVELEV, N.N.; SHISHKIN, B.K.[deceased]; PEN'KOVA, G.A., red.;
BARANOVA, L.G., tekhn. red.; FRIDMAN, Z.L., tekhn. red.

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1963. 501 p. (MIRA 16:12)

1. Chlen-korrespondent AN SSSR (for Shishkin).
(Botany--Atlases)

BOBROV, Ye.G., doktor biol.nauk, prof.; VASIL'CHENKO, I.T.; GORSHKOVA,
S.G.; GRIGOR'YEV, Yu.S.; GRUBOV, V.I.; DOROF'EYEV, P.I.; IL'INSKAYA,
I.A.; KLOKOV, M.V.; KUPRIYANOVA, L.A.; LINCHEVSKIY, I.A.;
NOVOPOKROVSKIY, I.V.; POBEDIMOVA, Ye.G.; POPOV, M.G.; ROYARKOVA,
A.I.; SHT'EYNBERG, Ye.I.; TSVELEV, N.N.; SHISHKIN, B.K., red.
izdaniya; SMIRNOVA, A.V., tekhn.red.

[Dicotyledons] Dicotyledons. Moskva, Izd-vo Akad.nauk SSSR, 1959.
775 p. (Akademiia nauk SSSR, Botanicheskii institut. Flora SSSR,
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KOMAROV, V.L., akademik, glavnyy red.; SHISHKIN, B.K., red. izdaniya;
BOBROV, Ye.G., doktor biol.nauk, prof.red.; VASIL'CHENKO, I.T.,
red.; GORSHKOVA, S.G., red.; GRIGOR'YEV, Yu.S., red.; GRUBOV, V.I.,
red.; DOROF'EYEV, P.I., red.; IL'INSKAYA, I.A., red.; KLOKOV, M.V.,
red.; KUPRIYANOVA, L.A., red.; LINCHEVSKIY, I.A., red.; NOVOPOKROV-
SKIY, I.V., red.; POBEDIMOVA, Ye.G., red.; POPOV, M.G., red.;
POYARKOVA, A.I., red.; SHTEYNBERG, Ye.I., red.; TSVELEV, N.N., red.;
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[Flora of the U.S.S.R.] Flora SSSR. Moskva. Izd-vo Akad. nauk
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(Botany)

AFANAS'YEV, K.S.; BOCHANTSEV, V.P.; VASIL'CHENKO, I.T.; GORSHKOVA, S.G.;
IL'IN, M.M.; KIRPICHNIKOV, M.E.; KNORRING, O.E.; KUPRIYANOVA, L.A.;
POBEDIMOVA, Ye.G.; POLYAKOV, P.P.; POYARKOVA, A. I.; SMOL'YANINOVA, L.A.;
FEDOROV, An.A.; TSVETKOVA, L.I.; TSVELEV, N.N.; SHISHKIN, B.K.;
KOMAROV, V.L., akademik, glavnyy red.; BOBROV, red.toma; SHISHKIN, B.K.;
red.izd.; SMIRNOVA, A.V., tekhn.red.

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POYARKOVA, A.I.

New cotoneaster species hitherto unknown in the flora of the
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(MIRA 14:10)
(Cotoneaster)

POYARKOVA, A.I.

Notes on the genus *Ligularia* Cass. Bot. mat. Gerb. 21:359-362
'61. (MIRA 14:10)

(Tien shan--*Ligularia*)

SHMATOK, I.D.; POYARKOVA, A.I.; AVRORIN, N.A.

In memory of Neonila Zenonovna Semenova-Tian-Shanskaia. Bot. zhur. 46
no. 5:745-746 My '61. (MIRA 14:7)

1. Polyarno-Al'piyskiy botanicheskiy sad Kol'skogo filiala AN
SSSR, Kirovsk i Botanicheskiy institut imeni V.L. Komarova
AN SSSR, Leningrad.
(Semenova-Tian-Shanskaia, Neonila Zenonovna, 1903-1960)

ASKEROVA, R.K.; AKHUNDOV, G.F.; ISAYEV, Ya.M.; KARYAGIN, I.I.; PRILIPKO, L.I.; SOFIYEVA, R.M. Prinimali uchastiye: KUTATELADZE, A.; MANDENOVA, I.P.; LINCHEVSKIY, I.A.; POBEDIMOVA, Ye.G.; POYARKOVA, A.I.; FEDOROV, An.A.; KHARADZE, A.L.; YUKSIP, A.Ya.; VARUNTSYAN, I., red. izd-va; PO-GOSOV, V., tekhn. red.

[Flora of Azerbaijan] Flora Azerbaidzhana. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR. Vol.8. Rubiaceae - Compositae. 1961. 688 p.
(MIRA 14:11)

(Azerbaijan - Dicotyledons)

VUL'F, Ye.V. [deceased]; BORISOVA, A.G. (Leningrad); VASIL'YEV, V.F.
[deceased]; POYARKOVA, A.I. (Leningrad); STANKOV, S.S.;
KHRZHANOVSKIY, V.G. (Moskva); CHERNOVA, N.M. (Simferopol');
YUZEPCHIK, S.V. [deceased]; PRIVALOVA, L.A., starshiy nauchnyy
sotrudnik, red.; ROSSOSHANSKIY, A.A., red.; GUREVICH, M.M.,
tekhn.red.

[Flora of the Crimea] Flora Kryma. Pod red. S.S.Stankova.
Moskva, Gos.izd-vo sel'khoz.lit-ry. Vol.2, no.2. [Dicotyledoneae:
Crassulaceae - Leguminosae] Dvudol'nye: tolstiankovye - bobovye.
1960. 311 p. (MIRA 14:1)

1. Gosudarstvennyy Nikitskiy botanicheskiy sad (for Privalova).
(Crimea--Dicotyledons)

POYARKOVA, A.I.

New hawthorn species from the eastern part of the Mediterranean
area. Bot.mat.Gerb. 20:186-193 '60. (MIRA 13:7)
(Asia Minor--Hawthorn) (Kurdistan--Hawthorn)
(Albania--Hawthorn)